

Converting Colors

XYZ(56.4939, 63.7190, 56.8100)

Have a look what the booklet for
XYZ(56.4939, 63.7190, 56.8100)
contains.

XYZ(56.6769, 63.8661, 56.9172)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.6769, 63.8661,
56.9172)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D6BC
RGB	199, 214, 188
RGB Percent	78%, 84%, 74%
CMY	0.2196, 0.1608, 0.2627
CMYK	0.07, 0.00, 0.12, 0.16
HSL	95°, 24%, 79%
HSV	95°, 12%, 84%
XYZ	56.6769, 63.8661, 56.9172
YIQ	206.5510, -0.5940, -11.2660

Conversions

Conversions Part 2

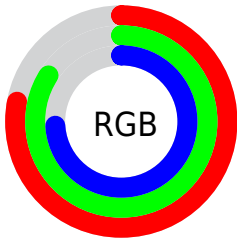
Format	Color
RYB	188, 214, 203
Decimal	13096636
CIELab	83.90, -9.74, 11.12
CIELCh	84, 14.784, 131.199
Yxy	63.8661, 0.3194, 0.3599
Android (android.graphics.Color)	4291286716 (0xFFC7D6BC)
YUV	206.5510, -9.1456, -6.6222
Hunter-Lab	79.9163, -13.2606, 13.7144

Details

The XYZ color **56.6769, 63.8661, 56.9172** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.7519, 53.5198, 71.0663**, and the grayscale version is **59.0781, 62.1548, 67.6866**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **28.4484, 32.5653, 27.7080** is the 20% darker color. If you saturate the color by 10%, you get **51.3948, 61.3921, 45.5073**, and if you desaturate by 10%, it is **62.5705, 66.6196, 70.1441**.

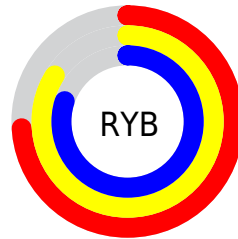
Distribution



Red (78%)

Green (84%)

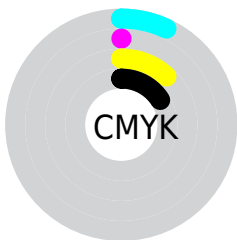
Blue (74%)



Red (74%)

Yellow (84%)

Blue (80%)

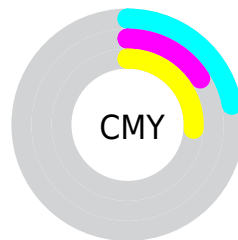


Cyan (7%)

Magenta (0%)

Yellow (12%)

Black (16%)



Cyan (22%)

Magenta (16%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6769, 63.8661, 56.9172 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 56.6769, 63.8661, 56.9172 by changing the saturation by 10% instead.

■ 56.6769, 63.8661,
56.9172

■ 56.6769, 63.8661,
56.9172

402.2713,
438.7059, 430.6240

■ 40.9850, 46.5422,
40.5298

■ 99.1277, 110.4181,
101.8435

■ 28.4950, 32.6739,
27.6350

126.6173,
140.4150, 131.2195

■ 18.8415, 21.8768,
17.8140

158.7702,
175.4050, 165.7622

■ 11.6591, 13.7664,
10.6485

195.9517,
215.7726, 205.8900

■ 6.5826, 7.9584,
5.7198

238.5272,
261.9020, 252.0216

■ 3.2464, 4.0683,
2.6095

286.8621,

■ 1.2854, 1.7118,

314.1778, 304.5754

0.8973

341.3216,
372.9843, 363.9701

■ 0.1722, 0.4313,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6769, 63.8661,
56.9172

■ 56.6769, 63.8661,
56.9172

■ 51.3948, 61.3921,
45.5073

■ 62.5705, 66.6196,
70.1441

■ 46.6978, 59.1800,
35.8309

■ 69.0905, 69.6530,
85.2582

■ 42.5649, 57.2228,
27.8043

■ 76.2578, 72.9774,
102.3313

■ 38.9719, 55.5099,
21.3350

■ 80.9488, 75.3441,
104.8841

■ 35.8924, 54.0302,
16.3216

■ 83.3378, 76.5757,
104.9959

■ 33.2977, 52.7711,
12.6504

■ 31.1551, 51.7188,
10.1912

■ 29.4270, 50.8572,
8.7875

■ 28.3155, 50.2957,
8.2157

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.4966, 63.8661, 53.4111



56.6769, 63.8661, 56.9172



54.9742, 63.8661, 63.9264

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.6769, 63.8661, 56.9172



58.7099, 63.8661, 87.9052



67.0452, 63.8661, 66.1193

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.6769, 63.8661, 56.9172



54.7519, 53.5198, 71.0663

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.8162, 63.8661, 75.4716



56.6769, 63.8661, 56.9172



61.9252, 63.8661, 88.6257

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.6769, 63.8661, 56.9172



56.1187, 63.8661, 82.0134



64.9150, 63.8661, 83.9018



65.5300, 63.8661, 58.3990

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.6769, 63.8661, 56.9172



54.6638, 63.8661, 69.9146



64.9150, 63.8661, 83.9018



67.1710, 63.8661, 69.1654

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.6786, 63.8689, 56.9186



91.3187, 98.2612, 100.3795



58.1042, 60.5155, 56.1962



19.3994, 20.9636, 21.1533



0.0000, 0.0000, 0.0000



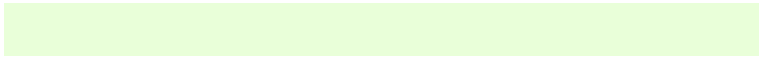
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.6786, 63.8689, 56.9186



81.8333, 93.8286, 79.2729



54.0527, 62.4934, 57.7772



12.7554, 14.1501, 13.2197



17.2273, 30.4573, 4.9709



1.1325, 1.8852, 0.3042

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54.7519, 53.5198, 71.0663



78.3344, 75.0363, 104.9625



57.6346, 55.0313, 70.0515



12.4219, 12.3589, 15.6683



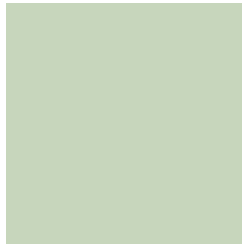
12.4362, 5.5636, 38.8716



0.8437, 0.3838, 2.3489

Previews

White Background



This preview shows how the XYZ color 56.6769, 63.8661, 56.9172 looks on a white background.

Color Contrast Check

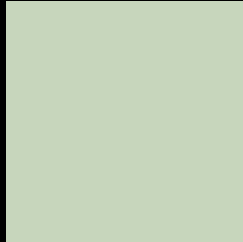
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 56.6769, 63.8661, 56.9172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

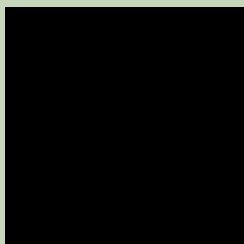
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

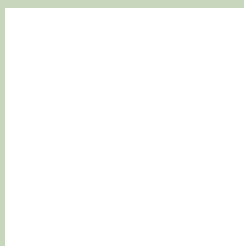
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6769, 63.8661, 56.9172

Background



This preview shows how black text looks on a background with the XYZ color 56.6769, 63.8661, 56.9172.



This preview shows how white text looks on a background with the XYZ color 56.6769, 63.8661,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.6769, 63.8661, 56.9172

Protanopia

60.2263, 63.5200, 54.9853

Deuteranopia

65.1166, 63.8355, 58.1797



Tritanopia

61.5679, 64.0163, 80.3456

Trichromacy



Original Color

56.6769, 63.8661, 56.9172

Protanomaly

58.7735, 63.4872, 55.6109

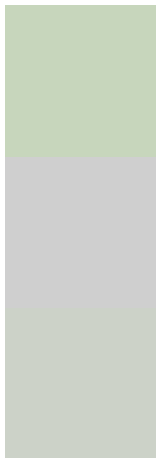
Deuteranomaly

61.7970, 63.5483, 57.7242

Tritanomaly

59.8065, 64.0385, 71.4959

Monochromacy



Original Color

56.6769, 63.8661, 56.9172

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.3738, 63.1007, 63.7466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6769, 63.8661, 56.9172 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(199, 214, 188)` looks like.

```
.text, #text, p{  
    color:rgb(199, 214, 188)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(199, 214, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 214, 188) }
```

Border

The CSS property to change the border of an element to XYZ 56.6769, 63.8661, 56.9172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 214, 188) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(199, 214, 188) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(199, 214, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 214, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 214, 188);  
box-shadow:4px 4px 4px 4px rgb(199, 214,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6769, 63.8661, 56.9172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 214, 188) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(199,  
214, 188) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor